

Datasheet for ABIN654057
anti-AEBP1 antibody (AA 334-364)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	AEBP1
Binding Specificity:	AA 334-364
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AEBP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This AEBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 334-364 amino acids from the Central region of human AEBP1.
Clone:	RB16806
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	AEBP1
Alternative Name:	AEBP1 (AEBP1 Products)
Background:	The adipocyte enhancer binding protein 1 is a transcriptional repressor with carboxypeptidase

Target Details

(CP) activity. This protein binds to a regulatory sequence, adipocyte enhancer 1 (AE-1), located in the proximal promoter region of the adipose P2 (aP2) gene, which encodes the adipocyte fatty-acid binding protein. It is characterized as a member of the regulatory B-like CP family. This protein seems to be activated by a novel mechanism, whereby the direct binding of DNA enhances its protease activity. Adipocyte-enhancer binding protein 1 may play a role in differentiated vascular smooth muscle cells.

Molecular Weight:	130929
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Gene ID:	165
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NCBI Accession:	NP_001120
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UniProt:	Q8IUX7
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Application Details

Application Notes:	WB: 1:1000. WB: 1:8000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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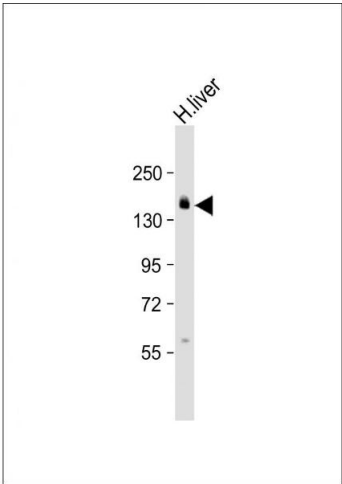
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C, -20 °C
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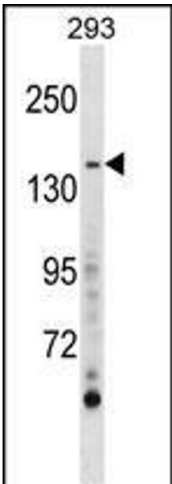
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
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Expiry Date:	6 months
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Western Blotting

Image 1. Anti-AEBP1 Antibody (Center) at 1:8000 dilution + Human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 131 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 2. AEBP1 Antibody (Center) (ABIN654057 and ABIN2843956) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the AEBP1 antibody detected the AEBP1 protein (arrow).